

0210

OIPe

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/544,664

DATE: 05/02/2000
 TIME: 13:18:45

Input Set : A:\8321-681.app
 Output Set: N:\CRF3\050200\I544664.raw

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Asst. Clin

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3 <110> APPLICANT: Huang, Ziwei
4   Wang, Jialun
5   Zhang, Zhijia
6   Shan, Simei
7   Lu, Zhixian
9 <120> TITLE OF INVENTION: Enhancement of Peptide Cellular Uptake
11 <130> FILE REFERENCE: 8321-68
C--> 13 <140> CURRENT APPLICATION NUMBER: US/09/544,664
C--> 14 <141> CURRENT FILING DATE: 2000-04-06
16 <150> PRIOR APPLICATION NUMBER: 60/128,202
17 <151> PRIOR FILING DATE: 1999-04-07
19 <160> NUMBER OF SEQ ID NOS: 58
21 <170> SOFTWARE: PatentIn Ver. 2.1
23 <210> SEQ ID NO: 1
24 <211> LENGTH: 26
25 <212> TYPE: PRT
26 <213> ORGANISM: Artificial Sequence
28 <220> FEATURE:
29 <223> OTHER INFORMATION: Description of Artificial Sequence: Peptide
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31   polypeptide
33 <400> SEQUENCE: 1
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35   1           5           10           15
37 Asp Glu Phe Glu Gly Ser Phe Lys Gly Leu
38   20           25
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42 <211> LENGTH: 26
43 <212> TYPE: PRT
44 <213> ORGANISM: Artificial Sequence
46 <220> FEATURE:
47 <223> OTHER INFORMATION: Description of Artificial Sequence: Peptide
48   segment from BH3 domain of a Bcl-2 superfamily
49   polypeptide
51 <400> SEQUENCE: 2
52 Asn Leu Trp Ala Ala Gln Arg Tyr Gly Arg Glu Leu Arg Arg Met Ser
53   1           5           10           15
55 Asp Glu Phe Glu Gly Ser Phe Lys Gly Leu
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60 <211> LENGTH: 27
61 <212> TYPE: PRT
62 <213> ORGANISM: Artificial Sequence
64 <220> FEATURE:
65 <223> OTHER INFORMATION: Description of Artificial Sequence: Peptide
66   segment from BH3 domain of a Bcl-2 superfamily
67   polypeptide

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69 <400> SEQUENCE: 3
70 Asn Leu Trp Ala Ala Gln Arg Tyr Gly Arg Glu Leu Arg Arg Met Ser
71   1                               5           10           15
73 Asp Glu Phe Glu Gly Ser Phe Lys Gly Leu Pro
74                               20           25
77 <210> SEQ ID NO: 4
78 <211> LENGTH: 27
79 <212> TYPE: PRT
80 <213> ORGANISM: Artificial Sequence
82 <220> FEATURE:
83 <223> OTHER INFORMATION: Description of Artificial Sequence: Peptide
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85     polypeptide
87 <400> SEQUENCE: 4
88 Pro Ser Ser Thr Met Gly Gln Val Gly Arg Gln Leu Ala Ile Ile Gly
89   1                               5           10           15
91 Asp Asp Ile Asn Arg Arg Tyr Asp Ser Glu Phe
92                               20           25
95 <210> SEQ ID NO: 5
96 <211> LENGTH: 27
97 <212> TYPE: PRT
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100 <220> FEATURE:
101 <223> OTHER INFORMATION: Description of Artificial Sequence: Peptide
102     segment from BH3 domain of a Bcl-2 superfamily
103     polypeptide
105 <400> SEQUENCE: 5
106 Pro Asn Ser Ile Leu Gly Gln Val Gly Arg Gln Leu Ala Leu Ile Gly
107   1                               5           10           15
109 Asp Asp Ile Asn Arg Arg Tyr Asp Thr Glu Phe
110                               20           25
113 <210> SEQ ID NO: 6
114 <211> LENGTH: 27
115 <212> TYPE: PRT
116 <213> ORGANISM: Artificial Sequence
118 <220> FEATURE:
119 <223> OTHER INFORMATION: Description of Artificial Sequence: Peptide
120     segment from BH3 domain of a Bcl-2 superfamily
121     polypeptide
123 <400> SEQUENCE: 6
124 Gln Asp Ala Ser Thr Lys Lys Leu Ser Glu Cys Leu Lys Arg Ile Gly
125   1                               5           10           15
127 Asp Glu Leu Asp Ser Asn Met Glu Leu Gln Arg
128                               20           25
131 <210> SEQ ID NO: 7
132 <211> LENGTH: 27
133 <212> TYPE: PRT
134 <213> ORGANISM: Artificial Sequence
136 <220> FEATURE:

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137 <223> OTHER INFORMATION: Description of Artificial Sequence: Peptide
138     segment from BH3 domain of a Bcl-2 superfamily
139     polypeptide
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150 <211> LENGTH: 27
151 <212> TYPE: PRT
152 <213> ORGANISM: Artificial Sequence
154 <220> FEATURE:
155 <223> OTHER INFORMATION: Description of Artificial Sequence: Peptide
156     segment from BH3 domain of a Bcl-2 superfamily
157     polypeptide
159 <400> SEQUENCE: 8
160 Leu Arg Pro Ala Pro Pro Gly Val His Leu Ala Leu Arg Gln Ala Gly
161   1           5           10           15
163 Asp Glu Phe Ser Arg Arg Tyr Gln Arg Asp Phe
164           20           25
167 <210> SEQ ID NO: 9
168 <211> LENGTH: 27
169 <212> TYPE: PRT
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172 <220> FEATURE:
173 <223> OTHER INFORMATION: Description of Artificial Sequence: Peptide
174     segment from BH3 domain of a Bcl-2 superfamily
175     polypeptide
177 <400> SEQUENCE: 9
178 Leu Ser Pro Val Pro Pro Val Val His Leu Thr Leu Arg Gln Ala Gly
179   1           5           10           15
181 Asp Asp Phe Ser Arg Arg Tyr Arg Arg Asp Phe
182           20           25
185 <210> SEQ ID NO: 10
186 <211> LENGTH: 27
187 <212> TYPE: PRT
188 <213> ORGANISM: Artificial Sequence
190 <220> FEATURE:
191 <223> OTHER INFORMATION: Description of Artificial Sequence: Peptide
192     segment from BH3 domain of a Bcl-2 superfamily
193     polypeptide
195 <400> SEQUENCE: 10
196 Leu Ser Pro Val Pro Pro Cys Val His Leu Thr Leu Arg Arg Ala Gly
197   1           5           10           15
199 Asp Asp Phe Ser Arg Arg Tyr Arg Arg Asp Phe
200           20           25
203 <210> SEQ ID NO: 11
204 <211> LENGTH: 27

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205 <212> TYPE: PRT
206 <213> ORGANISM: Artificial Sequence
208 <220> FEATURE:
209 <223> OTHER INFORMATION: Description of Artificial Sequence: Peptide
210     segment from BH3 domain of a Bcl-2 superfamily
211     polypeptide
213 <400> SEQUENCE: 11
214 Leu Ser Pro Val Pro Val Val His Leu Thr Leu Arg Arg Ala Gly
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217 Asp Asp Phe Ser Arg Arg Tyr Arg Arg Asp Phe
218           20             25
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222 <211> LENGTH: 27
223 <212> TYPE: PRT
224 <213> ORGANISM: Artificial Sequence
226 <220> FEATURE:
227 <223> OTHER INFORMATION: Description of Artificial Sequence: Peptide
228     segment from BH3 domain of a Bcl-2 superfamily
229     polypeptide
231 <400> SEQUENCE: 12
232 Glu Ile Val Arg Ala Ser Asp Val Arg Gln Ala Leu Arg Asp Ala Gly
233   1             5             10             15
235 Asp Glu Phe Glu Leu Arg Tyr Arg Arg Ala Phe
236           20             25
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240 <211> LENGTH: 27
241 <212> TYPE: PRT
242 <213> ORGANISM: Artificial Sequence
244 <220> FEATURE:
245 <223> OTHER INFORMATION: Description of Artificial Sequence: Peptide
246     segment from BH3 domain of a Bcl-2 superfamily
247     polypeptide
249 <400> SEQUENCE: 13
250 Glu Val Ile Pro Met Ala Ala Val Lys Gln Ala Leu Arg Glu Ala Gly
251   1             5             10             15
253 Asp Glu Phe Glu Leu Arg Tyr Arg Arg Ala Phe
254           20             25
257 <210> SEQ ID NO: 14
258 <211> LENGTH: 27
259 <212> TYPE: PRT
260 <213> ORGANISM: Artificial Sequence
262 <220> FEATURE:
263 <223> OTHER INFORMATION: Description of Artificial Sequence: Peptide
264     segment from BH3 domain of a Bcl-2 superfamily
265     polypeptide
267 <400> SEQUENCE: 14
268 Gln Glu Asp Ile Ile Arg Asn Ile Ala Arg His Leu Ala Gln Val Gly
269   1             5             10             15
271 Asp Ser Met Asp Arg Ser Ile Pro Pro Gly Leu

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276 <211> LENGTH: 27
277 <212> TYPE: PRT
278 <213> ORGANISM: Artificial Sequence
280 <220> FEATURE:
281 <223> OTHER INFORMATION: Description of Artificial Sequence: Peptide
282     segment from BH3 domain of a Bcl-2 superfamily
283     polypeptide
285 <400> SEQUENCE: 15
286 Gln Glu Glu Ile Ile His Asn Ile Ala Arg His Leu Ala Gln Ile Gly
287   1           5           10           15
289 Asp Glu Met Asp His Asn Ile Gln Pro Thr Leu
290       20           25
293 <210> SEQ ID NO: 16
294 <211> LENGTH: 27
295 <212> TYPE: PRT
296 <213> ORGANISM: Artificial Sequence
298 <220> FEATURE:
299 <223> OTHER INFORMATION: Description of Artificial Sequence: Peptide
300     segment from BH3 domain of a Bcl-2 superfamily
301     polypeptide
303 <400> SEQUENCE: 16
304 Cys Met Glu Gly Ser Asp Ala Leu Ala Leu Arg Leu Ala Cys Ile Gly
305   1           5           10           15
307 Asp Glu Met Asp Val Ser Leu Arg Ala Pro Arg
308       20           25
311 <210> SEQ ID NO: 17
312 <211> LENGTH: 27
313 <212> TYPE: PRT
314 <213> ORGANISM: Artificial Sequence
316 <220> FEATURE:
317 <223> OTHER INFORMATION: Description of Artificial Sequence: Peptide
318     segment from BH3 domain of a Bcl-2 superfamily
319     polypeptide
321 <400> SEQUENCE: 17
322 Arg Ser Ser Ala Ala Gln Leu Thr Ala Ala Arg Leu Lys Ala Leu Gly
323   1           5           10           15
325 Asp Glu Leu His Gln Arg Thr Met Trp Arg Arg
326       20           25
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330 <211> LENGTH: 27
331 <212> TYPE: PRT
332 <213> ORGANISM: Artificial Sequence
334 <220> FEATURE:
335 <223> OTHER INFORMATION: Description of Artificial Sequence: Peptide
336     segment from BH3 domain of a Bcl-2 superfamily
337     polypeptide
339 <400> SEQUENCE: 18

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VERIFICATION SUMMARY DATE: 05/02/2000
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L:13 M:270 C: Current Application Number differs, Replaced Application Number
L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date